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🔍 Title: **JP3292131A2: MANUFACTURE OF FIBER-REINFORCED RESIN LAMINATED BODY**

🔍 Country: **JP Japan**

🔍 Kind: **A**

🔍 Inventor: **NISHIWAKI YASUTO;
KOBAYASHI TAKASHI;**

🔍 Assignee: **FUJI HEAVY IND LTD**
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🔍 Published / Filed: **1991-12-24 / 1990-04-09**

🔍 Application Number: **JP1990000093511**

🔍 IPC Code: **B29C 67/14; B32B 5/00;**

🔍 Priority Number: **1990-04-09 JP1990000093511**

🔍 Abstract:

PURPOSE: To obtain uniform plate thickness of a laminated part and high surface smoothness, by a method wherein a laminated part of a caul sheet is fixed by providing a fixing means into a through hole, and after a laminated body of a laminating elementary plate and caul sheet are surrounded by a vacuum bag film curing treatment is performed by pressurization and heating.

CONSTITUTION: A caul sheet sheet 2 and a stiffening caul sheets 2a, 2b, 2c, 2d are arranged on a laminated body of a laminating elementary plate 1 and reinforcing plate 1a and upper shim plate jig 12. Then holes 2h... provided in the caul sheet 2 and stiffening caul sheets 2a-2d are positioned so that they are coincident with hole 13 provided into the upper shim plate jig 12, and a pin 14 is inserted by passing through from the upper side. With this construction, the caul sheet 2 and stiffening caul sheets 2a-2d are held at fixed positions. Then the vacuum bag film 3 is arranged so as to cover this assembled body. When a control valve 15 is provided on an appropriate position of the vacuum bag film 3 and an inner space of the film 15 is decompressed, the laminated body is put into a curing furnace and curing treatment is performed by pressurization and heating.

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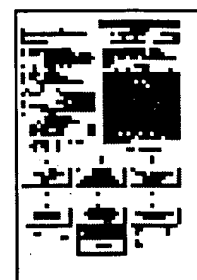
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